INFRASCAN®
PASSIVE INFRARED SENSOR
754 SERIES

CLIPSAL®
LIVING ELECTRICAL

See Motion Sensors in a new light.

Sleek new styling and more features than ever before.

3 WIRE DESIGN

INTERNATIONAL PROTECTION RATING IP44

REPLACEMENT 2 YEAR WARRANTY

clipsal.com

INFRASCAN®
PASSIVE INFRARED SENSOR
754 SERIES

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Clipsal's new Outdoor Infrascan range won't leave you in the dark.

The new **754 Series Outdoor Infrascan Range** is an exciting addition to the Infrascan family, offering a brand new look that is not only unique, but also oozes style and quality.

Each motion sensor unit comes complete with integrated lamps, and is available in spotlight, twinspot and floodlight configurations.

Best of all, the range is packed with an impressive array of professional features, the like of which has never before been seen in the Australian marketplace, putting the range in an unbeatable class of its own.

Simply Stunning!

Besides the stylish new look and design, here are some of the great new features:

INTEGRAL OVERRIDE FACILITY

All units feature an integral override facility. With the flick of a switch, the integral override allows for both everyday and special use functions.

Set to Automatic mode for standard passive infrared motion sensing.

Set override to ON to operate as a normal light, or when you don't want the light to accidentally time-out.

Set to OFF to turn the lights off and disable the sensor - perfect for that candle-lit dinner.

754HL1/140/150

754HS1/140/60

754HS2/140/60

754HF1/180/150

BUILT-IN SUNSET SWITCHING FUNCTION

Selected units feature a fully functional Sunset Switch capability, automatically turning on the lights at dusk. Includes a separate user-adjustable timer setting to control how long the lights stay on (up to eight hours).

COURTESY LIGHT / DIMMER FACILITY

Selected units feature a Courtesy Light function. Dimming technology incorporated within the unit allows lighting to be activated at dusk, to a dim level set by the user, welcoming visitors and guests. When the unit detects movement, lighting will increase to full brightness, then return to the set dimming level when the timer expires.

ADJUSTABLE BEAM FOCUS

All units in the range incorporate adjustable lamps, allowing the light to be re-directed to the area that requires illumination. Selected units also include spotlights which features an Adjustable Beam, allowing the light to be focused in a narrow-beam spot, or dispersed to illuminate larger areas using a wide-beam spot.

WIRELESS ACCESSORY KIT

All units available in the range may be operated in conjunction with the **754RFKIT Wireless Accessory Kit** (sold separately). The accessory upgrade kit is battery powered and retro-fittable - no extra wiring is required.

Simply plug in the external RF Transmitter to the floodlight and the portable Chime Receiver will alert you to any external activation of the floodlight. Alert tones are programmable by the user and include a variety of sounds such as Chimes, Knock-Knock, Ding-Dong, Sonar and even a Barking Dog.

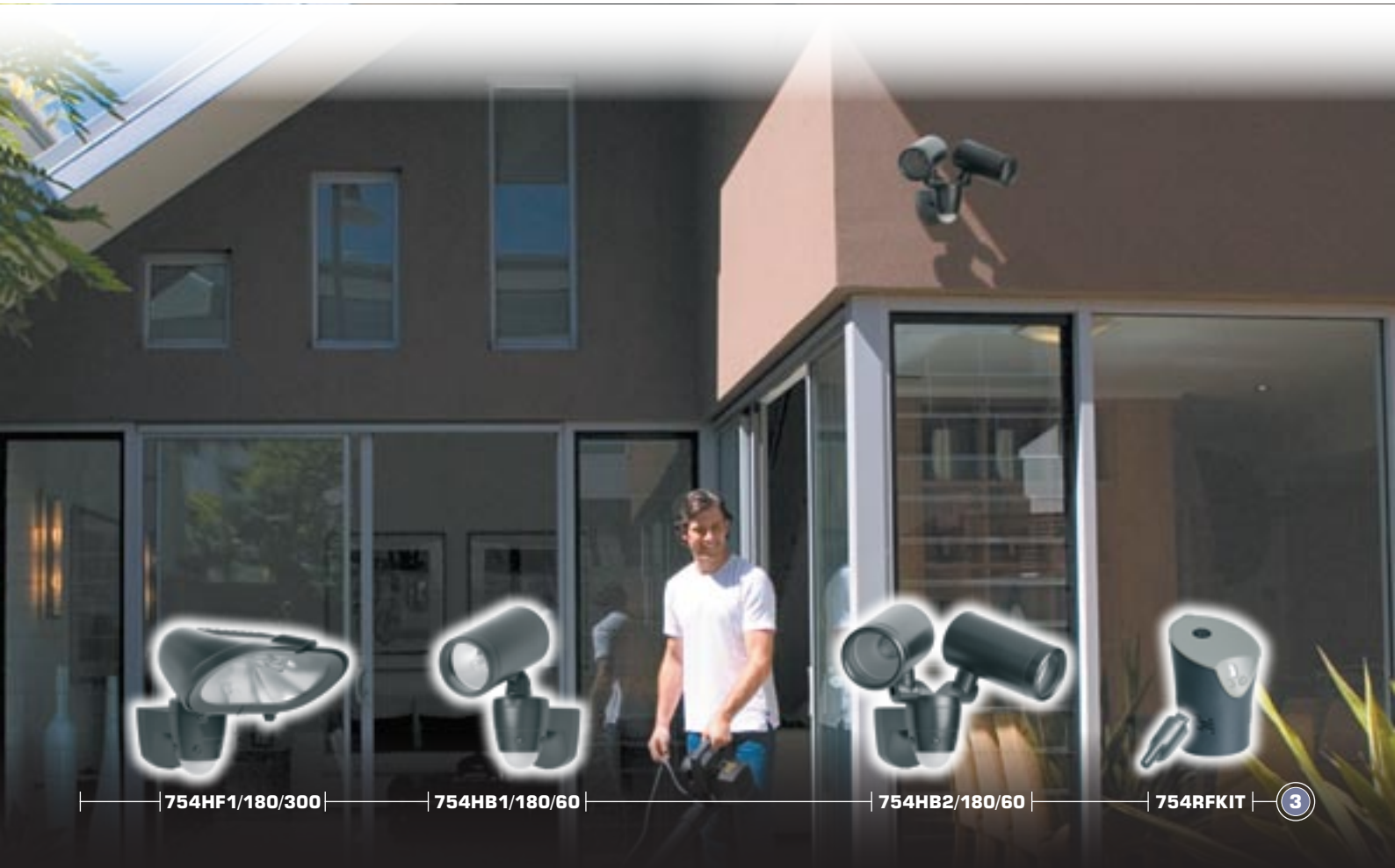
PLUS ALL THE STANDARD FEATURES YOU'VE COME TO EXPECT FROM INFRASCAN

- Up to a 180º field of view
- 12m detection range
- Simple to install, quick-fit mounting base
- Customisable detection area (zone mask)
- 3 wire design
- IP44 weatherproof rating
- Two year Infrascan Warranty.

3 WIRE DESIGN

INTERNATIONAL PROTECTION RATING IP44

REPLACEMENT 2 YEAR WARRANTY



754HF1/180/300 | 754HB1/180/60 | 754HB2/180/60 | 754RFKIT

RANGE SELECTION CHART

		754HL1/140/150	754HS1/140/60	754HS2/140/60
	DESCRIPTION	**150W Security Floodlight**	**60W Security Spotlight**	**60W Security Twinspot**
LAMP	**Lamp Configuration**	Floodlight	Spotlight	Twinspot
	Lamp Wattage	150W	60W	2 x 60W
	Lamp Type	R7 Linear Halogen	G9 High Efficiency Halogen Capsule	G9 High Efficiency Halogen Capsule
PIR	**Detection Range**	12 metres	12 metres	12 metres
	Field of View (FOV)	140°	140°	140°
FEATURES	**Zone Mask**	✔	✔	✔
	Integral Overrides	✔	✔	✔
	Integrated Sunset Switch			
	Integrated Dimming			
	Adjustable Beams			
	RF Alert Ready	✔	✔	✔
	Product Colour	**Black**	**Black**	**Black**

GLOSSARY	Lamp Configuration	Lamp Wattage	Lamp Type	Detection Range	Field of View (FOV)	Zone Mask
	The style of light fitting: **Floodlight** or **Spotlight**.	The lamp power rating in **Watts**.	The style of high efficiency halogen lamp included: either **R7 Linear** or **G9 Capsule Lamps.**	The **maximum distance** that the sensor will detect movement.	The detection radius of the sensor: either **140°** or **180°**.	Enables the **Field of View** to be customised, in order to block unwanted detection areas.

RANGE SELECTION CHART

754HF1/180/150	**754HF1/180/300**	**754HB1/180/60**	**754HB2/180/60**	**754RFKIT**
150W Security Floodlight	**300W Security Floodlight**	**60W Security Spotlight**	**60W Security Twinspot**	**Wireless Accessory Kit / Programmable RF Alert Chime**
Floodlight	Floodlight	Spotlight	Twinspot	Programmable RF Alert Chime. **Compatible with all 754 Series Sensors.** Emits an alert tone when the sensor detects movement. Tone options include: • Chimes • Knock-Knock • Ding-Dong • Sonar • Barking Dog. Effective range: **100 metres** (free air).
150W	300W	60W	2 x 60W	
R7 Linear Halogen	R7 Linear Halogen	G9 High Efficiency Halogen Capsule	G9 High Efficiency Halogen Capsule	
12 metres	12 metres	12 metres	12 metres	
180°	180°	180°	180°	
✔	✔	✔	✔	
✔	✔	✔	✔	
✔	✔	✔	✔	
✔	✔	✔	✔	
		✔	✔	
✔	✔	✔	✔	
Graphite	**Graphite**	**Graphite**	**Graphite**	**Graphite**

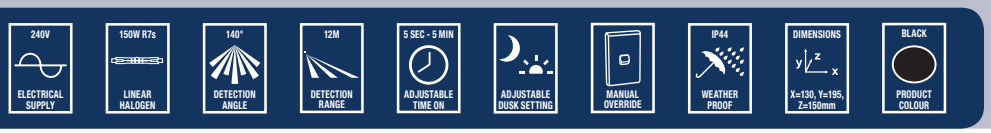
Integral Overrides	Integrated Sunset Switch	Integrated Dimming	Adjustable Beams	RF Alert Ready	Colour
Choice of **Automatic** operation, **ON** (light always on, does not time out), or **OFF** (light always off, does not respond to movement).	Automatically turns the light on at dusk. **Duration can be set by the user.**	The **brightness of the light** when activated at dusk can be adjusted by the user to a set level.	The **width of the beam** can be adjusted to suit the illuminated area. Choice of **Narrow Beam** or **Wide Beam**.	Indicates that the unit is compatible with the **754RFKIT Wireless Accessory Kit / Programmable RF Alert Chime.**	The product colour: either **Black** or **Graphite**.

THE 754 SERIES AT A GLANCE

754HL1/140/150 150W Security Floodlight

FEATURES:
- Outdoor PIR Motion Detector
- Integrated 150W Linear Floodlight
- IP44 Weatherproof Rating
- 140° Field of View
- 12m Detection Range
- Time-On and Lux Controls.

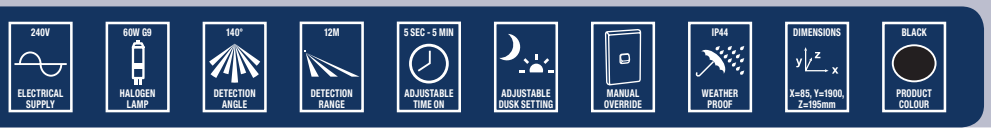
SPECIAL FEATURE:
- BUILT-IN OVERRIDE FUNCTION.



754HS1/140/60 60W Security Spotlight

FEATURES:
- Outdoor PIR Motion Detector
- Integrated 60W Spotlight
- IP44 Weatherproof Rating
- 140° Field of View
- 12m Detection Range
- Time-On and Lux Controls.

SPECIAL FEATURE:
- BUILT-IN OVERRIDE FUNCTION.



754HS2/140/60 60W Security Twinspot

FEATURES:
- Outdoor PIR Motion Detector
- Twin Integrated 60W Spotlights
- IP44 Weatherproof Rating
- 140° Field of View
- 12m Detection Range
- Time-On and Lux Controls.

SPECIAL FEATURE:
- BUILT-IN OVERRIDE FUNCTION.

754HF1/180/150 150W Security Floodlight

FEATURES:
- Outdoor PIR Motion Detector
- Integrated 150W Halogen Floodlight
- IP44 Weatherproof Rating
- 180° Field of View
- 12m Detection Range
- Time-On and Lux Controls.

SPECIAL FEATURES:
- BUILT-IN OVERRIDE FUNCTION
- SUNSET SWITCH FUNCTION.
- DIMMER FUNCTION

THE 754 SERIES AT A GLANCE

754HF1/180/300 300W Security Floodlight

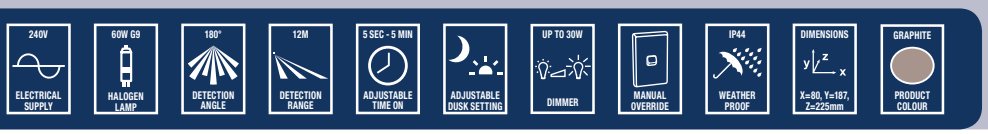
FEATURES:
- Outdoor PIR Motion Detector
- Integrated 300W Halogen Floodlight
- IP44 Weatherproof Rating
- 180° Field of View
- 12m Detection Range
- Time-On and Lux Controls.

SPECIAL FEATURES:
- BUILT-IN OVERRIDE FUNCTION
- SUNSET SWITCH FUNCTION.
- DIMMER FUNCTION

754HB1/180/60 60W Security Spotlight

FEATURES:
- Outdoor PIR Motion Detector
- Integrated 60W Spotlight
- IP44 Weatherproof Rating
- 180° Field of View
- 12m Detection Range
- Time-On and Lux Controls.

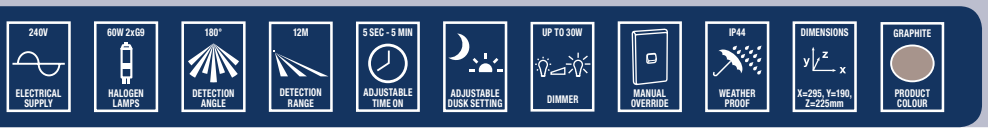
SPECIAL FEATURES:
- BUILT-IN OVERRIDE FUNCTION
- SUNSET SWITCH FUNCTION
- DIMMER FUNCTION
- ADJUSTABLE BEAM CONTROL.



754HB2/180/60 60W Security Twinspot

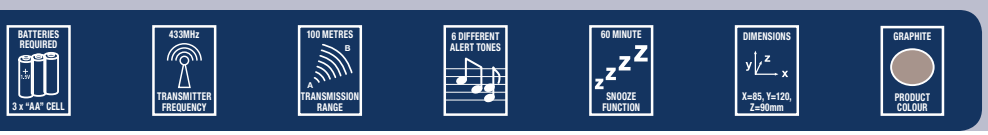
FEATURES:
- Outdoor PIR Motion Detector
- Twin Integrated 60W Spotlight
- IP44 Weatherproof Rating
- 180° Field of View
- 12m Detection Range
- Time-On and Lux Controls.

SPECIAL FEATURES:
- BUILT-IN OVERRIDE FUNCTION
- SUNSET SWITCH FUNCTION
- DIMMER FUNCTION
- ADJUSTABLE BEAM CONTROL.



754RFKIT Wireless Accessory Kit / Programmable RF Alert Chime

FEATURES:
- Retrofittable Upgrade
- Six Selectable Alert Tones including Chimes, Knock-Knock, Ding-Dong, Sonar and Barking Dog
- Battery Operated: 3xAA (not Included)
- Indoor Use Only.
- 100m Wireless Transmission
- Incorporated Snooze Function



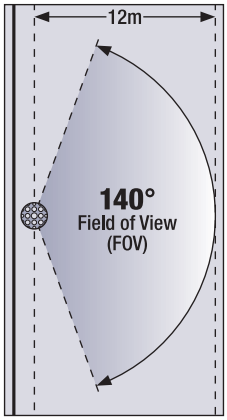
INFRASCAN®
PASSIVE INFRARED SENSOR
754 SERIES

CLIPSAL®
LIVING ELECTRICAL

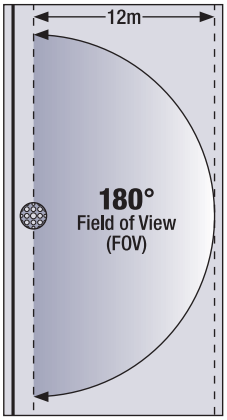
TECHNICAL INFORMATION

DETECTION RANGE

Top View

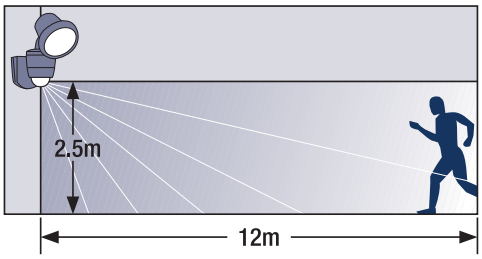


754HL1/140/150
754HS1/140/60, 754HS2/140/60



754HF1/180/150, 754HF1/180/300
754HB1/180/60, 754HB2/180/60

Side View



OTHER INFRASCAN RANGES

750 SERIES		**Outdoor Infrascan, 110°/18m, IP66**
751 SERIES		**Indoor Infrascan, 90°/6m**
753 SERIES		**Indoor Infrascan, 360°/14m diameter**

TECHNICAL SPECIFICATIONS

Operating Voltage	240V~ 50Hz a.c.
Minimum Switchable Load (Watts)	**Refer to Pages 4-5**
Lamp Type	**Refer to Pages 4-5**
Conductors Required	3 Wire
Neutral Required	YES
Rated Detection Range	12 Metres
Field of View	**Refer to Pages 4-5**
Timer Delay Range	5 Seconds to 5 Minutes, User Adjustable
Sunset Switch Time Delay Range*	1 Hour to 8 Hours, User Adjustable
Courtesy Dimming Control Range*	0 - 50%, User Adjustable
Light Level Inhibit Threshold	1 Lux to 2000 Lux, User Adjustable
Warm Up Time	1 - 2 Minutes
Mounting Surface	Wall Mount (Flat Surface Required)
Optimal Mounting Height	2.5 Metres
Environmental Protection	IP44 (Weatherproof)
Specifications Typical @ 240Va.c. 25°C	
No User Serviceable Parts Inside	

* These specifications apply only to these products:
754HF1/180/150, 754HF1/180/300, 754HB1/180/60, 754HB2/180/60

754RFKIT

The **Wireless Accessory Kit** can be set up anywhere inside the home to alert you when the PIR senses movement outdoors. Simply fit the RF Transmitter Module to the rear of the unit to pair the units.

Features include a **100 metre range**, **snooze function**, and a choice of **five (5) different programmable alert tones.**

You can **link multiple sensor units** to a single receiver, allowing notification at both the **front** and **rear** of the premises. You can also link multiple receivers to ensure the alert is heard in a **large house**.

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